

MM5 332 Class A-1/2 + A-2

801 Sealants  
High Temp. Res.  
Fuel Tank

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME PRODUCTS RESEARCH & CHEMICAL CORPORATION	EMERGENCY TELEPHONE NO. (213) 240-2060
ADDRESS (Number, Street, City, State, and ZIP Code) 5430 San Fernando Road, P.O. Box 1800, Glendale, CA 91209	
CHEMICAL NAME AND SYNONYMS Polysulfide sealing compound	TRADE NAME AND SYNONYMS PR-1750 Class A
CHEMICAL FAMILY N/A	FORMULA N/A

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Manganese dioxide	5	5mg/M <sup>3</sup>	ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Toluene	5	200ppm	FILLER METAL PLUS COATING OR CORE FLUX		
Methyl ethyl ketone	5	200ppm	OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.47
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	18%
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Dark gray viscous liquid; slight toluene odor.			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	62°F (PMCC)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Foam, CO <sub>2</sub> , dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS Can emit toxic vapors.				

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE  
200 ppm

## EFFECTS OF OVEREXPOSURE

Headache; skin irritation.

## EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash thoroughly with soap and water.

EYES: Wash out immediately with plenty of water; get medical attention.

INHALATION: Remove to fresh air.

## SECTION VI - REACTIVITY DATA

## STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

## INCOMPATIBILITY (Materials to avoid)

## HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of sulfur; hydrogen sulfide.

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

## SECTION VII - SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up with rags; clean with methyl ethyl ketone.

## WASTE DISPOSAL METHOD

Closed containers in normal trash. Do not incinerate.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

## RESPIRATORY PROTECTION (Specify type)

Air supplied respirator if ventilation is inadequate..

## VENTILATION

LOCAL EXHAUST

SPECIAL

Adequate to minimize vapors.

MECHANICAL (General)

OTHER

N/A

## PROTECTIVE GLOVES

Gloves or protective hand cream.

## EYE PROTECTION

Goggles or face shield.

## OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep in closed containers in sheltered area.

Keep away from heat, sparks and open flame.

## OTHER PRECAUTIONS

Avoid prolonged contact with skin.

MMS 332 Class B-1/4; B-1/2 or B2

801

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## SECTION I

MANUFACTURER'S NAME PRODUCTS RESEARCH & CHEMICAL CORPORATION		EMERGENCY TELEPHONE NO. (213) 240-2060
ADDRESS (Number, Street, City, State, and ZIP Code) 5430 San Fernando Road, P.O. Box 1800, Glendale, CA 91209		
CHEMICAL NAME AND SYNONYMS Polysulfide sealing compound		TRADE NAME AND SYNONYMS PR-1750 Class B
CHEMICAL FAMILY N/A	FORMULA N/A	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Manganese dioxide	5	5mg/M <sup>3</sup>	ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.60
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR	Dark gray paste; slight sulfide odor.		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	>200°F (PMCC)	FLAMMABLE LIMITS	Lel 1	Uel 7
EXTINGUISHING MEDIA	Foam, CO <sub>2</sub> , dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Can emit toxic vapors.			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE  
Unk.EFFECTS OF OVEREXPOSURE  
Skin irritation.

## EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash thoroughly with soap and water.

EYES: Wash out immediately with plenty of water; get medical attention.

INHALATION: Remove to fresh air.

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of sulfur; hydrogen sulfide.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Wipe up with rags; clean with methyl ethyl ketone.
WASTE DISPOSAL METHOD Closed containers in normal trash. Do not incinerate.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) N/A		
VENTILATION	LOCAL EXHAUST Adequate to minimize vapors.	SPECIAL
	MECHANICAL (General) N/A	OTHER
PROTECTIVE GLOVES Gloves or protective hand cream.		EYE PROTECTION Goggles or face shield.
OTHER PROTECTIVE EQUIPMENT		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep in closed containers in sheltered area.
OTHER PRECAUTIONS Avoid prolonged contact with skin.